CALL FOR PAPERS

7th International Conference on PGAS Programming Models
3rd/4th October 2013, Edinburgh, UK

Important Dates

Submission opens:
1st May 2013

Submission deadline:
15th June 2013

Author notification:
late July 2013

Programme Committee

Chair: Michèle Weiland, EPCC
Sadaf Alam, CSCS
Reinhold Bader, LRZ
Jason Beech-Brandt, Cray Inc.
Brad Chamberlain, Cray Inc.
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For more information please visit:
www.pgas2013.org.uk

Partitioned Global Address Space (PGAS) programming models offer a shared address space model that simplifies programming while exposing data/thread locality to enhance performance. The PGAS conference is the premier forum to present and discuss ideas and research developments in the area of: PGAS models, languages, compilers, runtimes, applications and tools, PGAS architectures and hardware features.

Submissions are invited in related areas, including, but not limited to:

- *Applications*. New applications that are uniquely enabled by the PGAS model, existing applications and effective application development practices for PGAS codes.
- *Performance*. Analysis of application performance over various programming models.
- *Developments in Programming Models and Languages*. PGAS models, language extensions, and hybrid models to address emerging architectures, such as multicore, hybrid, heterogeneous, SIMD and reconfigurable architectures.
- *Tools, Compilers, and Implementations*. Integrated Development Environments, performance analysis tools and debuggers. Compiler optimisations for PGAS languages, low level libraries, memory consistency models. Hardware support for PGAS languages, performance studies and insights, productivity studies, and language interoperability.

Submission categories & guidelines

Papers should report on original research, and should include enough background material to make them accessible to the entire PGAS research community. Papers describing experiences should indicate how they illustrate general principles; papers about parallel programming foundations should indicate how they relate to practice.

There are three submission categories:

- *Research papers*: submission of full paper of up to 8 pages at 10pt font.
- *"Hot" PGAS papers*: submission of extended abstracts, 3 pages maximum at 10pt font. Submissions in this category target work-in-progress research and will, if accepted, be given shorter presentation slots than the full research papers.
- *Posters*: submission of extended abstracts, 1 page maximum at 10pt font.

Publication of conference proceedings

Accepted submissions in the "Research papers" category will be published in the conference proceedings. The Programme Committee will also offer a selection of "Hot PGAS" submissions the chance for publication.